

PATENT ABSTRACTS OF JAPAN

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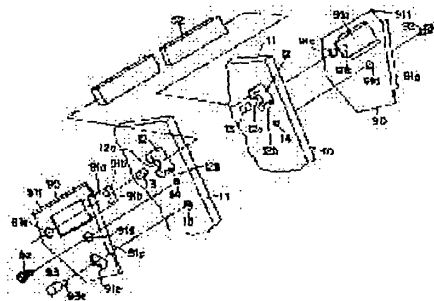
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(54) OPTICAL MEMBER HOLDING MECHANISM AND LIGHT BEAM SCANNING OPTICAL SYSTEM

(57)Abstract:

PURPOSE: To hold and adjust an optical member with a small number of parts.

CONSTITUTION: Holes 12 and 12 having small projections 12a and 12b are formed on the side plates 11 and 11 of a housing, and both end parts of a plane mirror 52 are movably fitted in the holes 12 and 12. Pressing plates 90 and 90 are fixed on the side plates 11 and 11 by fitting pins 13 and 13 in holes 91c and 91c and tightening screws 92 and 92. At this a time, pressing pieces 91a and 91a press the back surface of the mirror 52 so as to hold the mirror 52. By turning an eccentric pin 93 in a slot 91e, the pressing plate 90 on this side somewhat turns with the pin 13 as fulcrum, and the mirror 52 turns with the small projections 12a and 12b as fulcrum as the plate 90 turns, thereby adjusting the tilt angle of the mirror 52.



LEGAL STATUS

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